

## ABSTRACT OF THE DISCLOSURE

An image sensor includes a plurality of photoelectric converting elements, each of which is provided with an electric charge output port, and a group of channel selection switches that turn on and off between the electric charge output port and a common signal line. A resolution of the image sensor is determined by ON-OFF patterns of a signal used for designating a resolution, at a timing of a rising or falling edge of a signal for setting a timing for designating the resolution during the period that a signal for setting a period for designating the resolution is on.